

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A computing system comprising:

at least one database for storing a plurality of language specific elements;

a companion computing device comprising:

a display device for presenting a bitmap image as a full screen image;

a digitizer input system for receiving a user request for a language element;

memory storage for storing a language specific element received as the bitmap image, said storing occurring without conversion from character codes to graphic elements; and

a control device comprising program logic for transmitting the user request for the language element to the host computing device over a communication link, wherein the requested language element is in a language not supported by the companion computing device, and wherein the user request comprises display attributes for formatting a display of the requested language element on the display device;

a host computing device with access to the at least one database in which the plurality of language specific elements are stored in the language not supported by the companion device;

wherein the host computing device comprises processing instructions for:

receiving the request for the language specific element from the companion computing device;

deriving from the request for the language specific element, a specific language;

referencing the at least one database comprising the plurality of language specific elements stored in the specific language;

retrieving the language specific element from the database that matches the language element;

transmitting the language specific element as the bitmap image to the companion computing device; and

[[a]] the communication link for bi-directionally providing a communication channel between [[a]] the host computing device and [[a]] the companion computing device[[],]

~~the host computing device for providing multiple language support and user interface upgrade support to the companion computing device, wherein said host computing device has access to at least one database in which a plurality of messages are each stored in a plurality of different languages;~~

~~the companion computing device, comprising substantially less memory resources than said host computing device, and comprising a display device; a digitizer input system; and a control device that responds to a user request for one of said plurality of messages in one of said plurality of languages not initially supported by said companion device to transmit said request to said host computing device over said communication link;~~

~~wherein said request comprises:~~

~~an indicator of a requested language;~~

~~a request for a language element;~~

~~a message to be converted into said requested language, wherein said message is provided in a language other than the requested language; and~~

~~display attributes for formatting a display of the requested message on the display device;~~

~~the at least one database comprising storage sufficient to store and convert the request;~~

~~wherein said host computing device responds to a receipt of said request for the requested message by retrieving said message in said requested language the at least one database and converting the retrieved message into a bitmap representation that corresponds to the requested message in said requested language;~~

~~wherein said host computing device transmits to said companion computing device the bitmap representation of the requested message in the requested language over said communication link for display on the display device in said requested language, wherein the requested message comprises at least multiple characters of said requested language, wherein the requested message is formatted for said display device, and~~

~~wherein said companion computing device, without conversion from character codes to graphic elements, stores and presents the bitmap representation as a full screen image of the requested message on said display device.~~

2. (Currently amended) The computing system of claim 1 wherein said requested language element message ~~further~~ comprises a character set of a graphic icon.

3 - 7 (Canceled)

8. (Currently amended) The computing system of claim 1 wherein ~~the said~~ companion computing device stores the bitmap ~~representation~~ image transmitted from said host computing device for later use.

9. (Previously presented) The computing system of claim 1 the digitizer input system comprises an electronic pen or stylus for handwritten information.

10. (Previously presented) The computing system of claim 1 wherein said communication link is a wired or wireless communication link.

11. (Currently amended) A method of providing language element support to a companion computing device from a host computing device, said method comprising the steps of:

~~receiving from said companion computing device a user request from a user of the companion computing device for a first language element message in a first language not~~

initially supported by said companion device, wherein said user request is was initiated by the user implementing a digitizer input system of the companion computing device, and wherein the user request comprises:

an indicator of the first language;

a second language element message to be converted into said first language element message, wherein said second language element message is provided in a second language that is initially supported by the companion computing device; and

display attributes for formatting the first language element message for display on the companion device;

wherein said second language element message is one of a plurality of language elements message stored in at least one database in a plurality of languages that includes said first language, wherein said host computing device has access to said at least one database;

retrieving said first language element message in said first language from said database in response to receipt of said request;

converting the first language element message into a bitmap representation;

transmitting to said companion computing device the bitmap representation of the first language element message for presentation on a display device of said companion computing device in said first language, wherein the first language element message ~~comprises at least multiple characters of said first language, wherein the first message is formatted for said display device, such that said companion computing device, without conversion from character codes to graphic elements, is able to present the bitmap representation as a full screen image of the first language element message on said display device.~~

12. (Currently amended) The method of claim 11 wherein the requested second language element message further comprises a character set or a graphic icon.

13. (Previously presented) The method of claim 11 wherein individual ones of a plurality of said databases are each associated with a different one of said specific languages.

14 – 17. (Canceled)

18. (Previously presented) The method of claim 11 wherein said companion computing device stores the bitmap representation transmitted from said host computing device for later use.

19. (Previously presented) The method of claim 11 wherein the digitizer input system comprises a pen input device for inputting written information.

20. (Currently amended) The method of claim 11 wherein said first and second language elements message is are transmitted over a wired or a wireless communication link.

21. (Currently amended) A storage medium comprising having computer readable program instructions embodied therein, said program instructions enabling a computer to:

transmit from a companion computing device to a host computing device a user request of a user for a first language element message in a first language not initially supported by said companion device, wherein said request is was initiated by the user implementing a digitizer input system of the companion computing device, and wherein the request comprises:

an indicator of the first language;

a second language element message to be converted into said first language element message, wherein said second language element message is provided in a second language that is supported by the companion computing device; and

display attributes for formatting the first language element message for display on the companion device;

wherein said first language element message is one of a plurality of language elements messages stored in at least one database in a plurality of different languages that includes said first language, wherein said host computing device has access to said at least one database;

receive from the host computing device a bit map representation of the requested language element message for presentation on a display device of said companion computing device in said first language, wherein the requested first language element message comprises at least multiple characters of an arbitrary language, wherein the requested message is formatted for said display device, and

display the bitmap representation as a full screen image on the display device without conversion from character codes to graphic elements.

22. (Currently amended) The storage medium of claim 21, wherein the first language element message further comprises a character set or a graphic icon, and wherein said database is associated with said first language.

23. (Previously presented) The storage medium of claim 21, further comprising program instructions for enabling said companion computing device to store the bitmap representation transmitted from said host computing device.

24 - 27. (Canceled)

28. (Previously presented) The computing system of claim 1 wherein individual ones of a plurality of said databases are each associated with a different one of said languages.